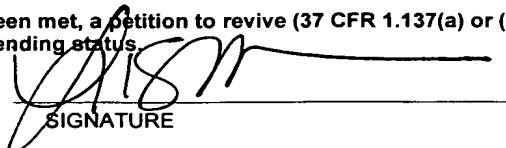


042605

GFRM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE REV. 12/2004		ATTORNEY'S DOCKET NUMBER 02-985-B
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/532745
INTERNATIONAL APPLICATION NO. <input checked="" type="checkbox"/> PCT/US2003/033730	INTERNATIONAL FILING DATE 24 October 2003 (24.10.03)	PRIORITY DATE CLAIMED 29 October 2002 (29.10.02)
TITLE OF INVENTION NOVEL COMBINATION THERAPY FOR SCHIZOPHRENIA FOCUSED ON IMPROVED COGNITION: 5-HT-2A/D2 BLOCKADE WITH ADJUNCTIVE BLOCKADE OF PREFRONTAL DA REUPTAKE		
APPLICANT(S) FOR DO/EO/US Graham V. WILLIAMS AND Stacy A. CASTNER		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. <input checked="" type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Express Mail Label No. EV 565818089 US <input checked="" type="checkbox"/> Other items or information: <p>Application Data Sheet, Filing Fee Check and Return Receipt Postcard</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/532745		INTERNATIONAL APPLICATION NO. PCT/US2003/033730		ATTORNEY'S DOCKET NUMBER 02-985-B																						
24. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td style="width: 10%; text-align: right;">\$300.00</td> <td style="width: 10%; text-align: right;">Applicant use</td> <td style="width: 10%; text-align: right;">Office use</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td style="text-align: right;">\$200.00</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td style="text-align: right;">\$500.00</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$500.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$1000.00</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">\$1,000.00</td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>						<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	Applicant use	Office use	<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$	\$200.00	<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$	\$500.00	TOTAL OF ABOVE CALCULATIONS =			\$1000.00	\$	\$1,000.00
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	Applicant use	Office use																						
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$	\$200.00																						
<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$	\$500.00																						
TOTAL OF ABOVE CALCULATIONS =			\$1000.00	\$	\$1,000.00																					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE																							
18 - 100 =	-82 /50 =	-1	x \$250.00 \$ 0.00																							
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).																										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																							
Total claims	21 - 20 =	1	x \$50.00 \$ 50.00																							
Independent claims	3 - 3 =	0	x \$200.00 \$ 0.00																							
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00 \$ 0.00																										
TOTAL OF ABOVE CALCULATIONS = \$ 1,050.00																										
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																										
SUBTOTAL = \$ 525.00																										
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																										
TOTAL NATIONAL FEE = \$ 525.00																										
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ 0.00																										
TOTAL FEES ENCLOSED = \$ 525.00																										
Amount to be refunded: \$																										
Amount to be charged: \$																										
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>\$525.00</u> to cover the above fees is enclosed.																										
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is _____.																										
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2490</u> . A duplicate copy of this sheet is enclosed.																										
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																										
SEND ALL CORRESPONDENCE TO:																										
Lisa M.W. Hillman McDonnell Boehnen Hulbert & Berghoff LLP 300 South Wacker Drive Suite 3100 Chicago, IL 60606																										
 SIGNATURE Lisa M.W. Hillman NAME <u>43,673</u> REGISTRATION NUMBER																										

ATTORNEY'S DOCKET NUMBER

02-985-B

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/532745

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.
PCT/US2003/033730INTERNATIONAL FILING DATE
24 October 2003 (24.10.03)PRIORITY DATE CLAIMED
29 October 2002 (29.10.02)

TITLE OF INVENTION

NOVEL COMBINATION THERAPY FOR SCHIZOPHRENIA FOCUSED ON IMPROVED COGNITION: 5-HT-2A/D2
LOCKADE WITH ADJUNCTIVE BLOCKADE OF PREFRONTAL DA REUPTAKE

APPLICANT(S) FOR DO/EO/US

Iraham V. WILLIAMS AND Stacy A. CASTNER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.

THE FACE OF THIS CHECK IS PRINTED BLUE - THE BACK CONTAINS A SIMULATED WATERMARK



McDonnell Boehnen Hulbert & Berghoff LLP
300 South Wacker Drive
Chicago, Illinois 60606-6709
www.mbbh.com

NATIONAL CITY - MIAMI, FLORIDA

702189719

No. 083355

CHECK NO. 83355 CHECK DATE 04/25/2005 VENDOR NO. AS0405

CHECK AMOUNT

\$***** 525.00

FIVE HUNDRED TWENTY-FIVE AND 00/100 Dollars

THE
TER

U.S. Patent & Trademark Office



083355 0719218910 978816144

Article 36 (35 U.S.C. 371 (c)(5)).

11. A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. A copy of the International Search Report (PCT/ISA/210).

Items 13 to

13. An
14. An Commissioner of Serial No. N/A 10/532745 Atty. L.H. ded.
Patents and Trademarks
15. A F Re: Applicant - Williams et al. Case No. 02-985-B
16. A S
17. A S Novel Combination Therapy for Schizophrenia Focused on Improved Cognition: 5-HT-2A/D2
18. A F Blockade with Adjunctive Blockade of Prefrontal Da Reuptake
19. A C Sir:
Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:
20. A S Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) (in duplicate);
21. A S Copy of International Publication No. WO 04/039322 A2 (18 sheets);
22. A S Application data Sheet (3 sheets); Copy of International Search Report (5 sheets); Check for \$400.00 and
Return Receipt Postcard. *\$ 25.00 (49)*
23. Oth

Fee Enclosed
\$ 400.00

Respectfully,
McDonnell Boehnen Hulbert & Berghoff LLP
Attorney for Applicants

Date Mailed: April 26 2005

JC02 Rec'd PCT/PTC 26 APR 2005